

C L A I M S

1. Device for protection of a needle (6) for a medical device (7), that can enclose the needle (6) in a first position (13) and leave the needle (6) free in a second position (14),
5 c h a r a c t e r i s e d in
- that it includes a first part (1) and a second part (2) which are pivotally connected by a joint device (12),
- that the first part (1) at a distance from said joint device (12) includes holding means (5) for retaining the medical
10 device (7) pivotally about an axis that is essentially parallel with a joint axis of said joint device (12), so that the two parts (1,2) can be brought together to the first position (13) for enclosing the needle and can be separated
15 from each other to the second position (14) where a retained needle (6) is pivotable to its free position (14), and
- that the second part (2) includes a holder means (3) for fixing said second part.
- 20 2. Device according to claim 1, c h a r a c t e r i s e d in that at least one of the parts (1,2) in closed position (13) has a recess (10) complementary to the needle.
- 25 3. Device according to claim 1 or 2, c h a r a c t e r i s e d by that the holding means (5) is separate from the first part (1) and fastened to the first part (1) with a (second) joint device (19).
- 30 4. Device according to claim 1, 2 or 3, c h a r a c t e r i s e d in that the holding means (5) has a recess for receiving and retaining said needle.

5. Device according to any of claims 1 - 4,
c h a r a c t e r i s e d in that the holding means (5) is
fitted with a mechanism for retaining the medical device (7),
selected from the group consisting of: snap lock device, screw
5 device.

6. Device according to any of claims 1 - 5,
c h a r a c t e r i s e d by means (16) to limit an angle
(α) between the first part (1) and the second part (2) in the
10 separated position and/or an angle (β) between the first part
(1) and the needle (6) in pivoted position.

7. Device according to claim 6, c h a r a c t e r i s e d in
that the angle (α) is about 30° - 60°.

15 8. Device according to claim 6, c h a r a c t e r i s e d
in that the angle (β) is about 50° - 80°.

9. Device according to any of claims 1 - 8,
20 c h a r a c t e r i s e d in that one or both parts (1,2)
includes at least one recess (8), designed to, by the
capillary force, absorb blood and/or an absorbing material.

10. Device according to any of claims 1 - 9,
25 c h a r a c t e r i s e d in that the second part has an end
part (4) for application on a patient, provided with a contact
surface of a material with large friction or an adhesive
material, such as tape.

30 11. Device according to any of claims 1 - 10,

c h a r a c t e r i s e d in that the second part (2) is reinforced with a penetration protection (17), of metal or of tough plastic, for example.

5 12. Device according to any of claims 1 - 11,
c h a r a c t e r i s e d in that the first and second part
(1,2) of the device has a locking mechanism in the form of
cooperating snap lock elements, Velcro tape or adhesive
material, to, in the first position (13), secure the parts to
10 each other.

13. Device according to any of claims 1 - 12,
c h a r a c t e r i s e d in that medical device (7) is a
vein needle, an injection syringe or an iv cannula with
15 stylet.

14. Device according to any of claims 1 - 13,
c h a r a c t e r i s e d in that the joint device (12) is a
device selected from the group consisting of: flexible
20 material bridge, pivot pin device.

15. Device according to any of claims 3 - 14,
c h a r a c t e r i s e d in that the second joint device
(19) is a device selected from the group consisting of:
25 flexible material bridge, pivot pin device.

16. Device according to any of claims 1 - 15,
c h a r a c t e r i s e d in that the holder means (3) is a
handle (3) for a user.

30 17. Device according to any of claims 1 - 16,

c h a r a c t e r i s e d in that said holder means includes a fixing means (23) that is attachable to the body of a patient.

- 5 18. Device according to any of claims 1 - 17,
c h a r a c t e r i s e d in that the fixing means (23) is any means selected from the group consisting of: tape, string, strap, ring, fastening flap.
- 10 19. Device according to claim 18,
c h a r a c t e r i s e d in that at least a section of the fixing means (23) is detachably fastened to the second part (2).
- 15 20. Medical unit comprising a medical device (7) with a needle (6), c h a r a c t e r i s e d in that it includes a device according to any of the claims 1 - 19.